Defense Information Systems Agency

A Combat Support Agency

Defense Information Systems Network (DISN)

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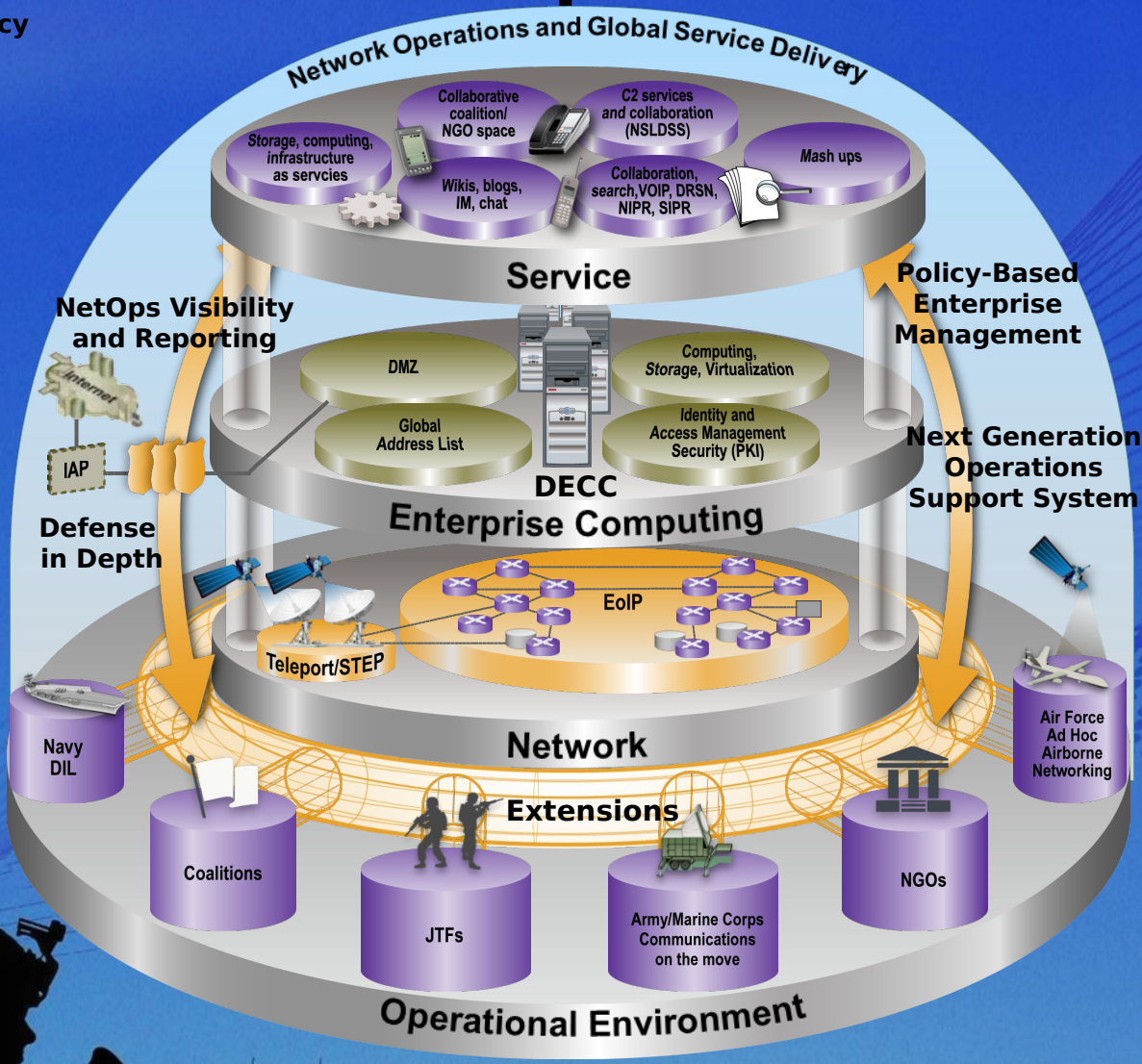
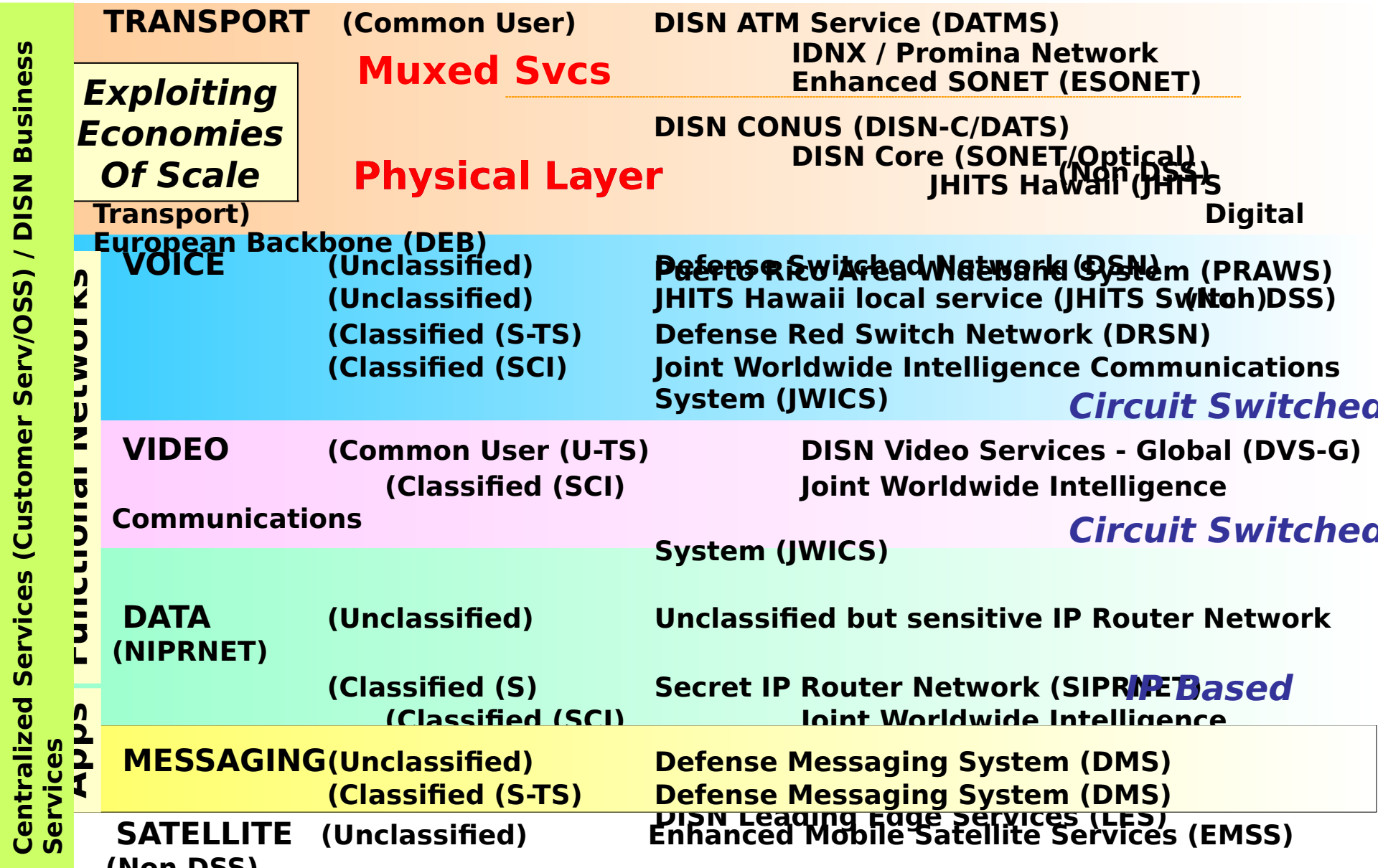
Director for Network Services
7 August 2009

DISA
A Combat Support Agency

The Enterprise

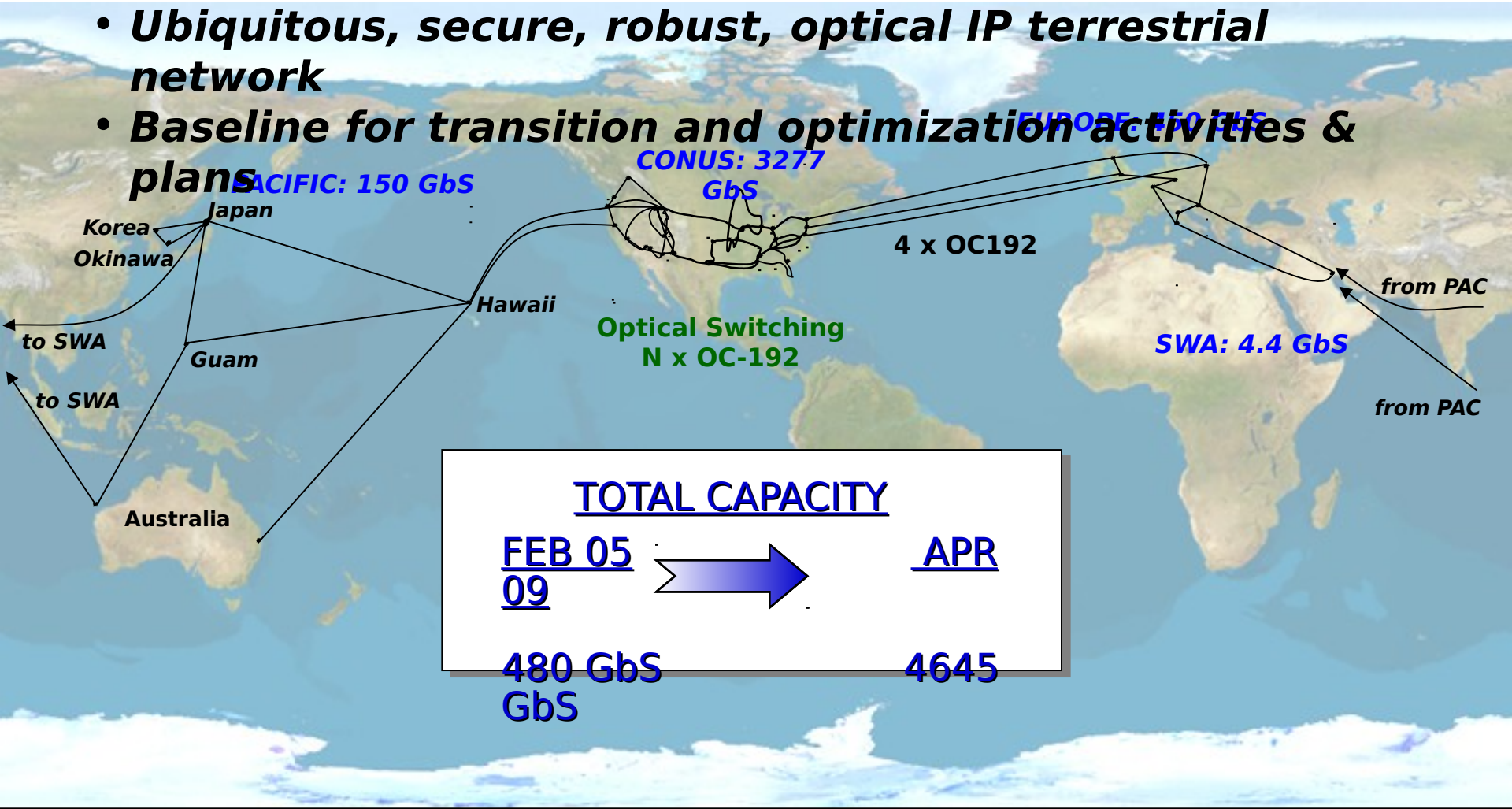


Elements of the DISN



Optical Backbone Global Reach

- ***Ubiquitous, secure, robust, optical IP terrestrial network***
- ***Baseline for transition and optimization activities & plans***

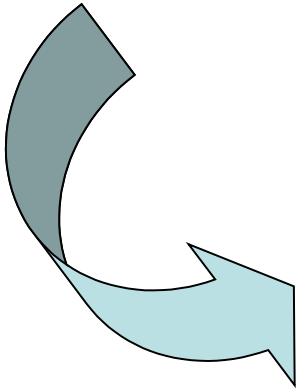


TOTAL CAPACITY	
FEB 05	APR 09
480 GbS	4645 GbS

DISN Transition

Requirement: To develop and implement an integrated transition of DISA services to respond to expiring contracts and to take advantage of current DISN infrastructure

Completed	Start	Start	Weekly	Cumulative	Total	% Start	Fiscal Qtr
NIPR Optimization	221	93%	-	237	237	100%	3Q08
**GS22: ESONET (by site)	-	-	-	17	17	100%	3Q08
**GS21: NIPR COIN (Phase II)	237	49%	-	463	463	100%	2Q08
DLA Phase II (DAPS)	29	70%	-	41	41	100%	4Q08
DISN-c Circuits	123	98%	-	123	123	100%	4Q07
FAA (total includes 144 discontinues)	435	87%	-	508	508	100%	2Q08
DISN-LES (Phase I)	22	76%	-				
DLA	75	97%	-				
**St. Louis MAN	20	83%	-				
**DVS II - Hubs	24	100%	-				
Europe ATM Circuits	17	100%	-				
**Colorado MAN	49	100%	-				
User I	13	100%	-				
ATM Circuits "66"	52	100%	-				
Pacific ATM Circuits	31	100%	-				
San Antonio MAN	23	100%	-				
DSN	1,990	100%	-				
DTS-C-to STS	119	100%	-				
NIPR COIN (Phase I)	52	100%	-				
DTS-C AO	2,756	100%	-				
DISN-LES (EMPIRE CHALLENGE)	0	0%	-				
GS22: ATM Core	10	16%	-				
Vandenberg (by site)	-	-	0				
#of Actions	6,288	100%	-				



	Current Priorities	As of 1Q09 Start	As of 1Q09 % Start	Current Weekly	Current Cumulative	Total	% Work Completed	Completion Fiscal Qtr
Team A	SIPR Optimization	71	37%	0	71	193	80%	1Q09
	DISN-LES (Phase II)	26	72%	0	26	36	99%	4Q08
	DECC Consolidation	1	3%	0	1	34	57%	1Q09
	MDA	0	0%	0	0	115	8%	4Q09
	Teleport Gen2 SPM (by site)	0	0%	0	0	5	15%	2Q09
	Teleport G2P2 (by site)	0	0%	0	0	13	15%	2Q09
	KG-175A Upgrade (Phase I)	0	0%	0	0	15	60%	4Q09
	KG-175A Upgrade (Phase II)	0	0%	0	0	15	38%	4Q09
	DISN-LES DCN Installation (by site)	13	50%	0	13	26	71%	2Q09
	ANG-NGB (by site)	0	0%	0	0	8	5%	-
	NGEN Phase 1 (Test Pilot)	0	0%	0	0	7	0%	3Q09
	INMARSAT BDC	0	0%	0	0	1	0%	
	Tactical IP (STEP; by site)	0	0%	0	0	16	4%	2Q09
Team B	Tech Refresh FY08: CONUS MSPP (by site)	5	100%	0	5	5	95%	2Q09
	Tech Refresh FY08: CONUS ODXC (by site)	0	0%	0	0	3	30%	3Q09
	Tech Refresh FY08: 7500 Upgrade (by site)	0	0%	0	0	20	34%	2Q09
	Tech Refresh FY08: U-PE Upgrade (by site)	0	0%	0	0	14	51%	2Q09
	Tech Refresh FY08: PAC Region (by site)	0	0%	0	0	5	60%	2Q09
	Tech Refresh FY08: DEE (by site)	0	0%	0	0	8	18%	4Q09
	DTS-P	0	0%	0	0	300	0%	3Q10
	DCN (by site)	11	21%	0	15	72	29%	1Q11
	**DVS II - Dedicated Room/Physical/CAPs	1/206/130	0/98/50%	0/0/0	1/206/130	206	0/100/63%	2Q07*/1Q09
Team C	**ATI - AO	1,580	55%	12	1,549	2,803	55%	3Q09
	**ATI - CE	633	22%	3	646	2,892	22%	1Q11
	BRAC	4	-	0	4	4***	0%	4Q11
Impl Branch	AFRICOM	-	-	0	0	10	50%	4Q08
	St. Mawgan (by site)	-	-	0	0	3	30%	1Q09
	CONUS Site Activation	116	99%	0	116	117	99%	1Q09
	#of Actions	2,666		15	2,652	6,879		
	Total Actions				9,368	13,595		

* - Originally scheduled completion date ** - Expiring DISA Contracts *** - Total Requirements Unknown

Completed

On Track -within PM control, within objective

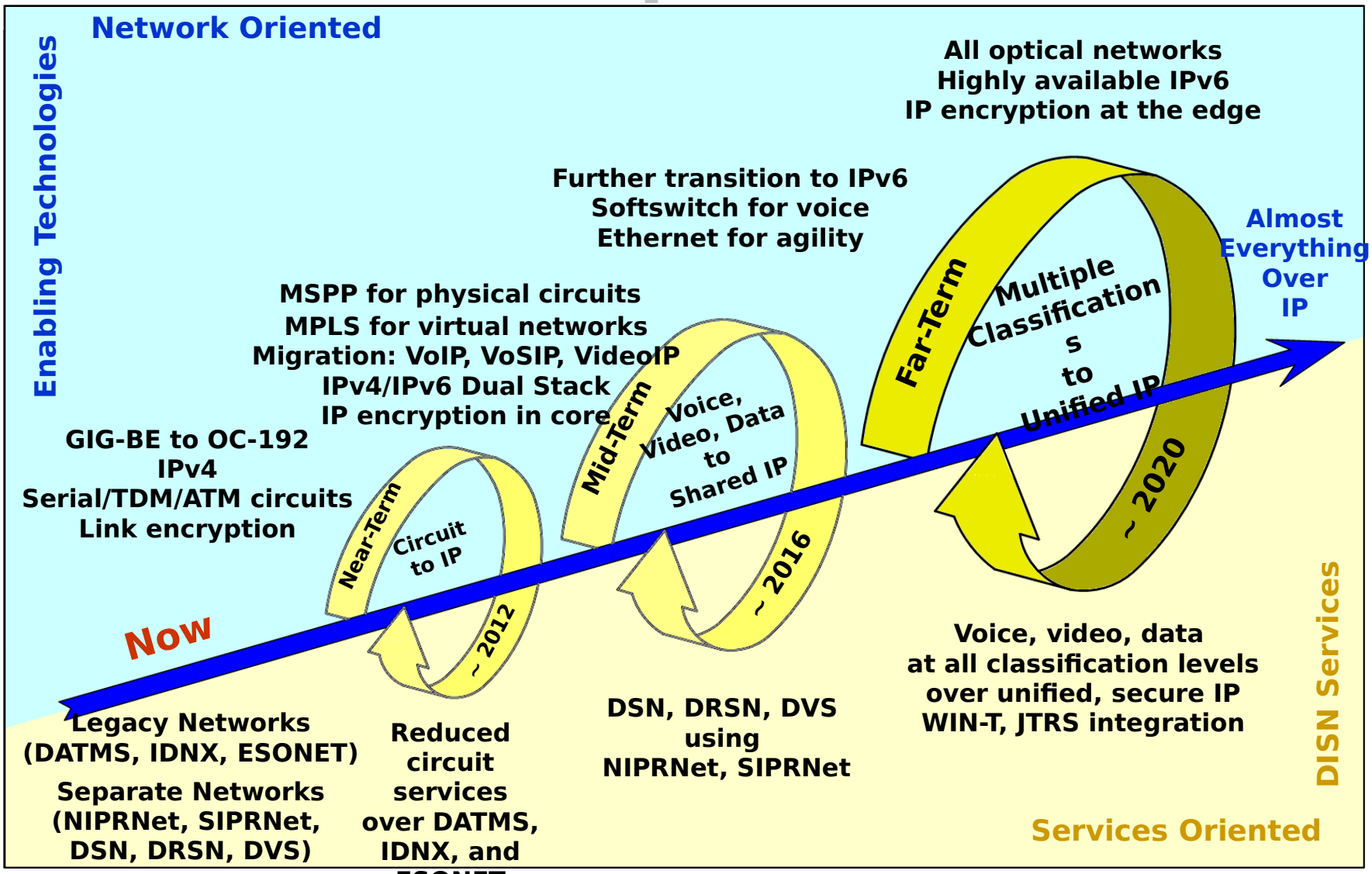
Issues — Not Major – Resolution at PM and or SDA/PEO-level, within objective

Caution — Major Issues -- Resolution at 5Cs, Dir/Vice Dir –level, could cause schedule breach

Major Issues -- Resolution at D/DV level, will cause schedule breach

Net-Centric Communications Implementation

(>>> IP Convergence Master Plan)



Technology Refreshment (Tech Refresh)

- Tech Refresh
  - Replaces unsupported software and/or hardware system components
  - Replaces end of life (EOL) equipment and/or software
  - Replaces equipment and/or software to maintain functionality of DISN network
  - Leverages IP convergence
  - Multi-year, continuous project

Bottom Line Up Front

- Providing a DISN technical strategy to accelerate the realization of the ubiquitous Global Information Grid that enables the warfighter with bandwidth and information on demand
  - Newer technologies will provide additional/expanded capabilities while reducing life cycle costs
  - Legacy equipment retired resulting in savings to the sustainment and share cost of the DISN

On the Horizon for DISN

Contract/Task/Area of Support	Anticipated Start Date
FY09	
DISN Video – Maintaining current managed service contract. Future video and collaboration being addressed outside of Network Services.	TBD
DISN Transmission Services – Pacific (DTS-P) II	Awarded to Verizon Business Network Services Inc. on March 6, 2009.
Global Services Management (GSM) – (DISN Global Solutions (DGS) Replacement contract) Provides the necessary programmatic, engineering services, material, equipment, and facilities to support the life cycle management for the Defense Networks, and its extensions, on a world-wide basis.	Being managed by PEO-STS Estimated award data in 2010

On the Horizon for DISN

Contract/Task/Area of Support	Anticipated Start Date
FY09 – FY10 (Near-term)	
Technology Refresh (Near-term) - Identify and evaluate approaches and contractual alternatives leading to a recommended solution for: **- Maintaining the DISN operational infrastructure** **- Upgrading end-of-life products** **- Ensuring timely insertion of technological upgrades and new equipment** **- Managing the DISN services**	**On-going**
SME-PED – Acquisition of 2nd MCEP.	**Estimated award date 24 July 09**
FY11 – FY16	

On the Horizon for DISN

Contract/Task/Area of Support	Anticipated Start Date
FY10 – FY16	
DISN Technology Refresh **Equipment Future - DISN Optical, SONET and IP Core transition technology refresh.**	**Technology Refresh engineering analysis underway. Acquisition date TBD.**

Summary

Simultaneously transitioning multiple services onto higher bandwidth cores

- Leading the Department's efforts in moving toward net-centric operations and warfare
- Terminating expiring contracts with a combination of government-owned core with contractor-operated SONET and video services that takes advantage of both government and contractor capabilities
- Adapting to the changing budgetary and operational environments
- Keeping pace with change

Converging Voice, Video and Data… Posturing for Everything over IP

DEFENSE INFORMATION SYSTEMS AGENCY